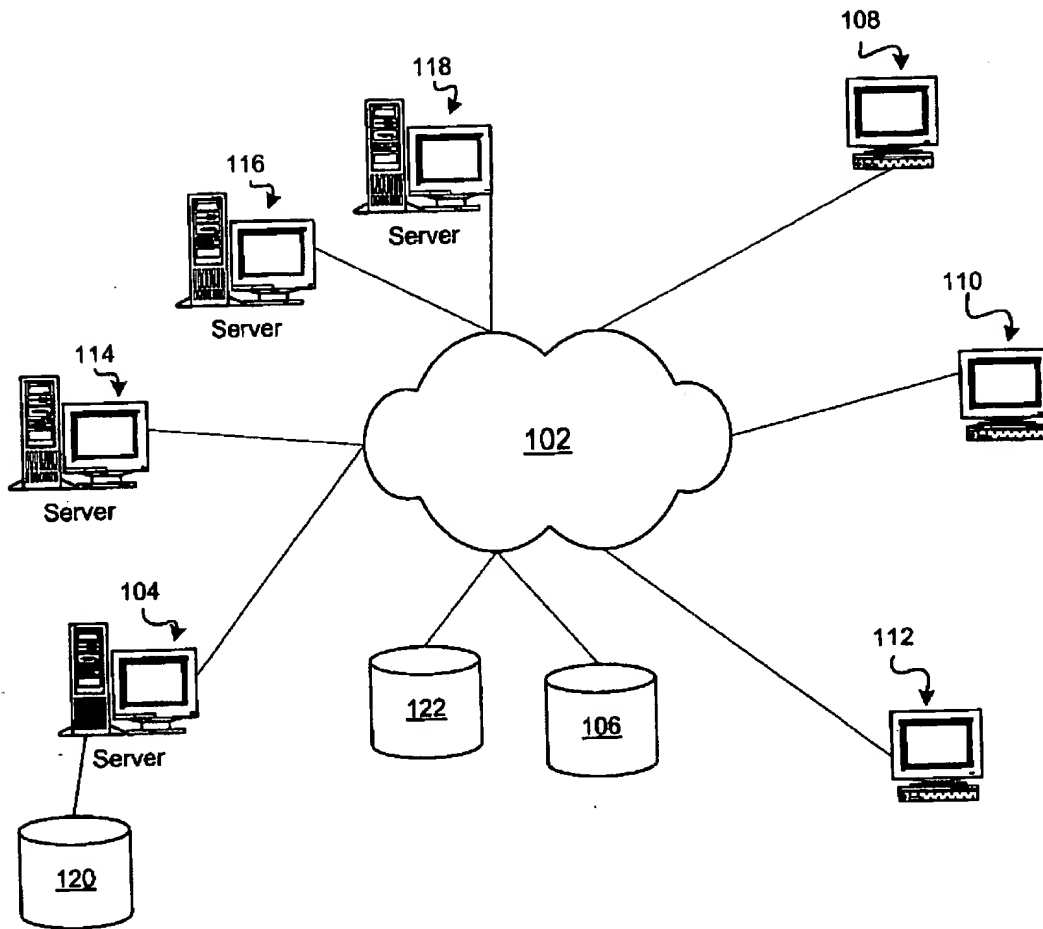


1/10

EK 287 384 616 45



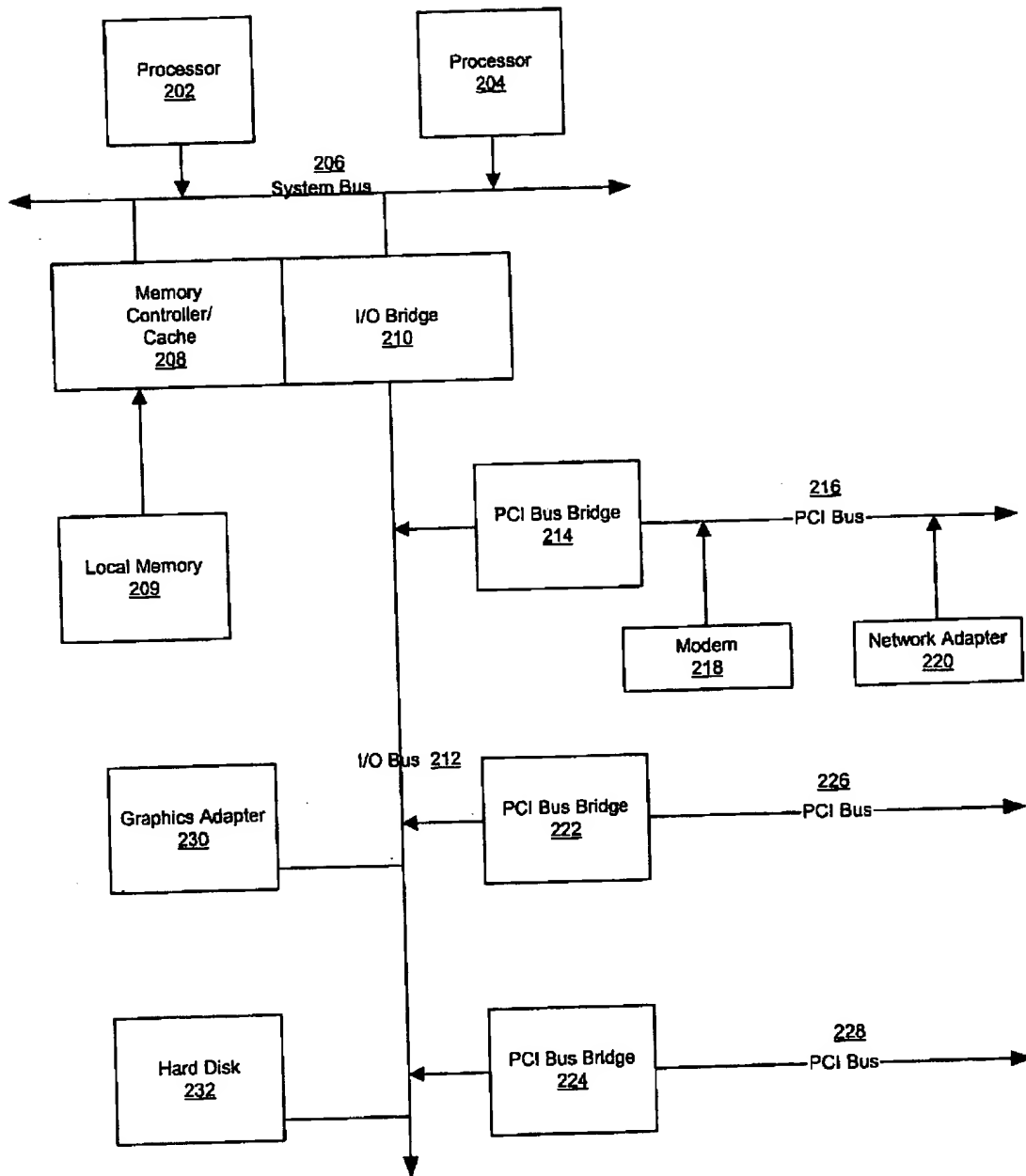
100

Network

Figure 1

AUS9-2000-0440-US1

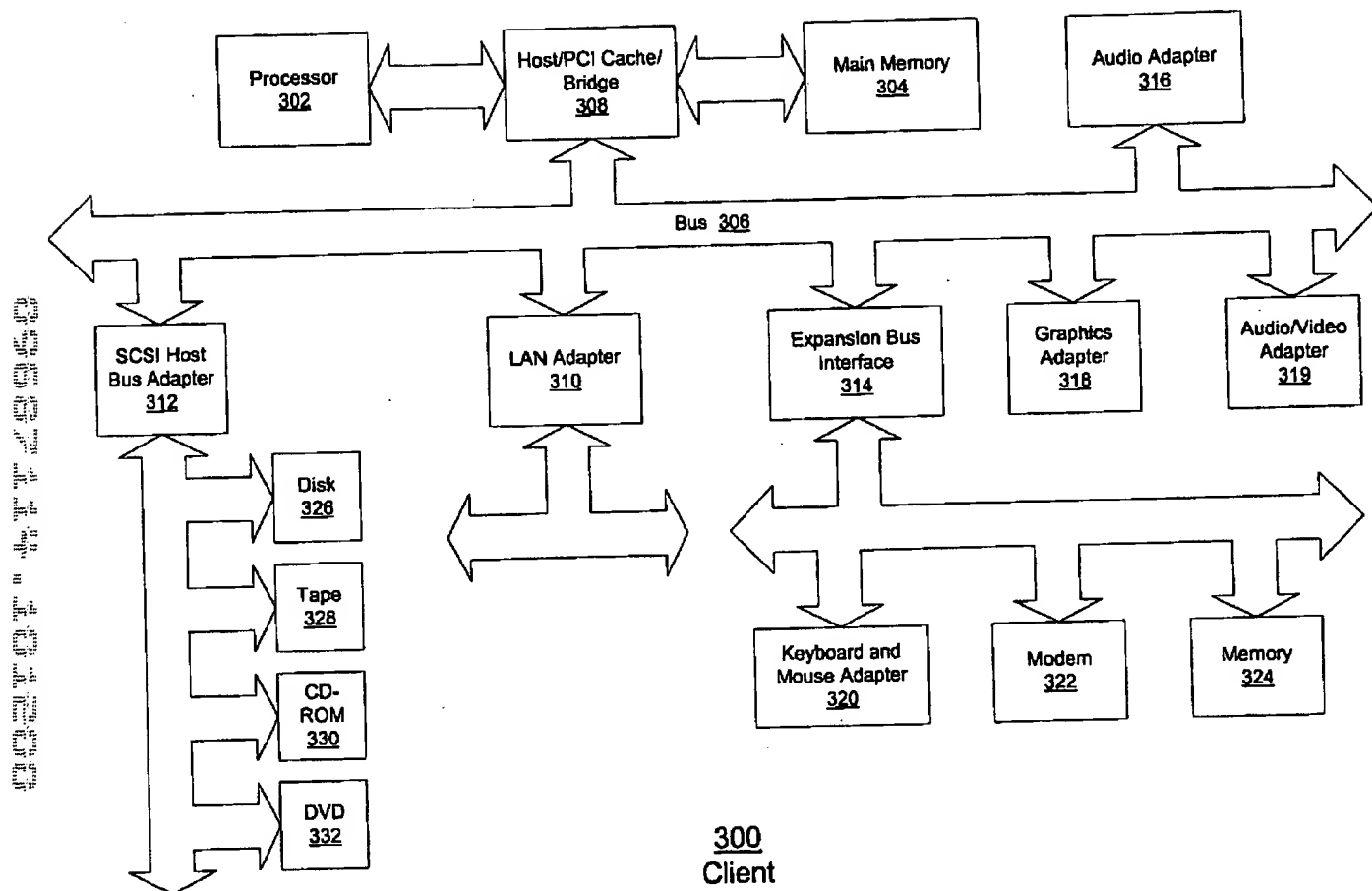
2/10



200

Figure 2

AUS9-2000-0440-US1



300
Client
Figure 3
AUS9-2000-0440-US1

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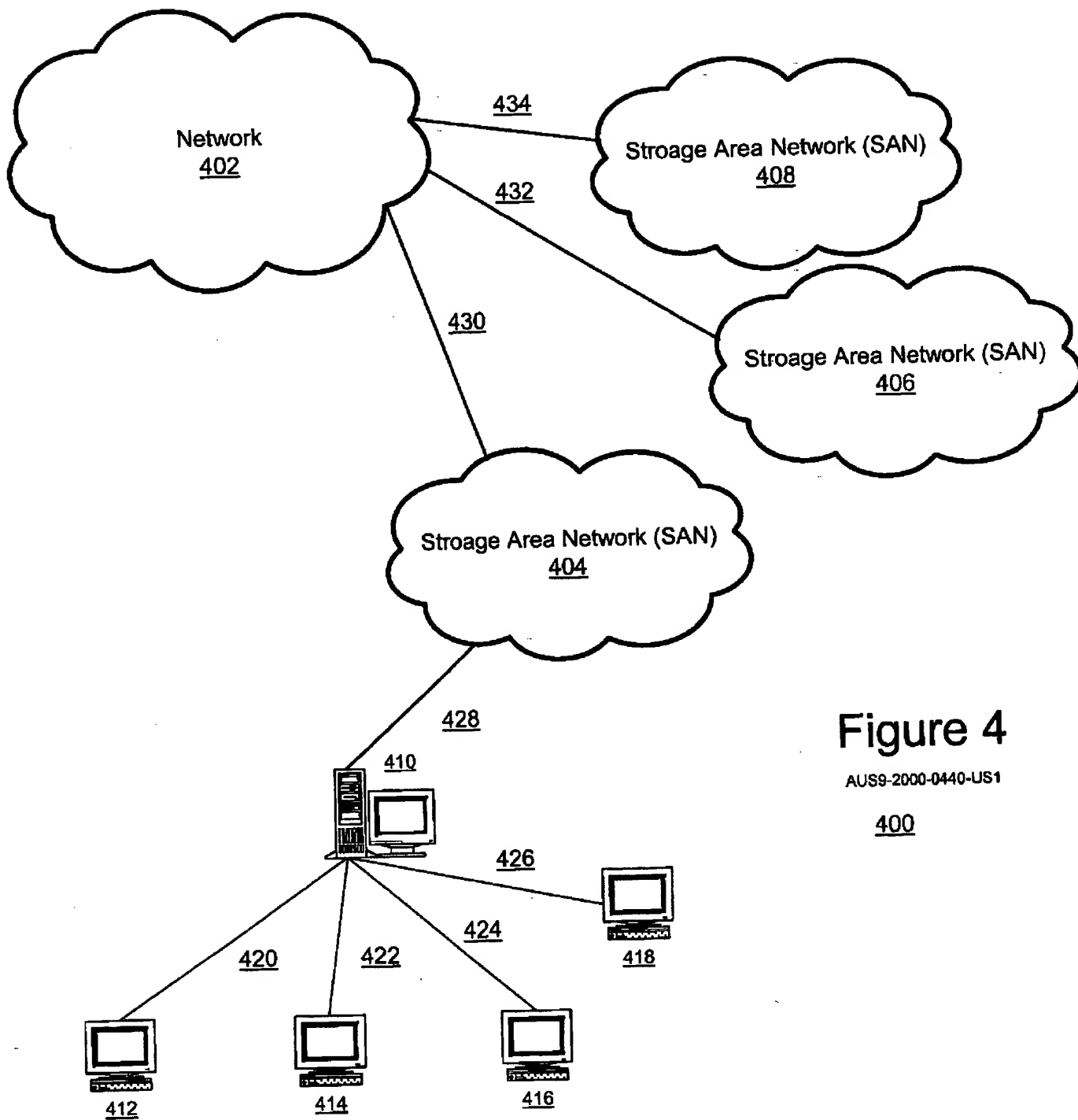


Figure 4

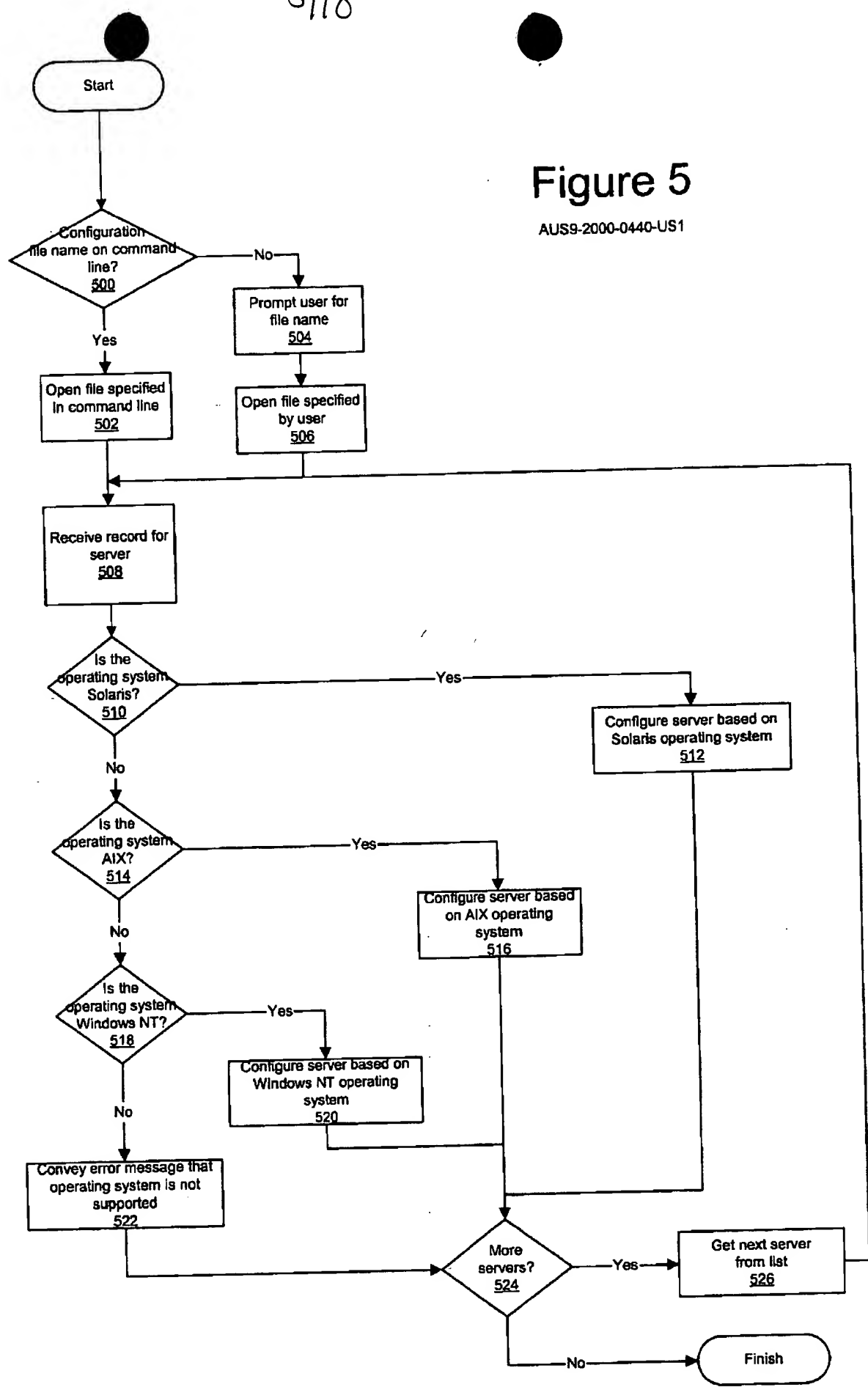
AUS9-2000-0440-US1

400

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Figure 5

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Figure 6

AUS9-2000-0440-US1

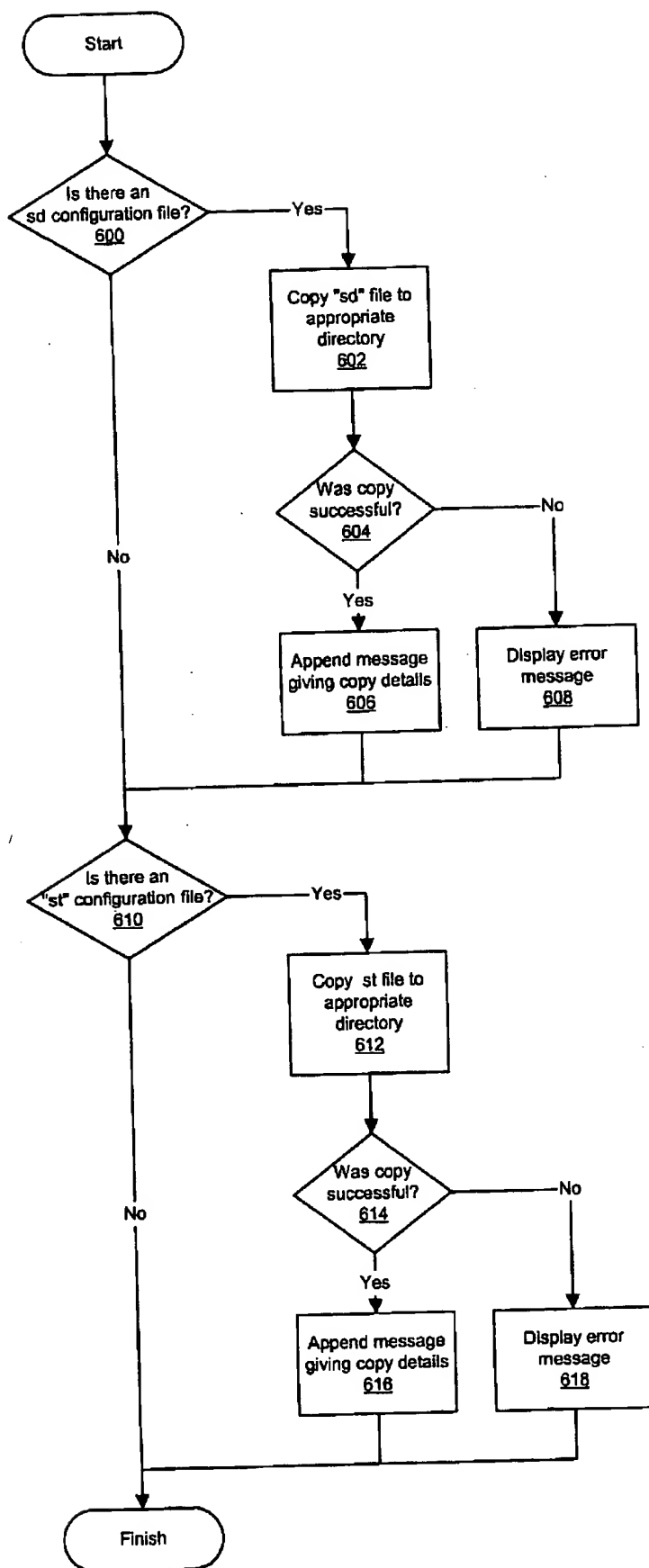


Figure 7A

AUS9-2000-0440-US¹

```
#####
# san_configurator.ksh
#
# Written by Steve Lipton, with inputs from Rick Hamilton
# April 2, 2000
#
#####
# Purpose: This script will install the SAN LUN configuration files on each
# server attaching to the fibre switch. It is intended to simplify the
# administrator's task by automating the configuration of server-to-disk
# relationships.
#
# Input: 1) Input to this script is the name of the "Serving" system, on which
#         the install code is located. This "server" could be any system in
#         the network that has "rcp" and "rsh" capabilities with the
#         respective workstations that will be identified as clients.
#         2) A list containing the ip addresses and the type
#            of the operating system for the workstations on which
#            the client configurator file is to be installed.
#
#####
# Copyright 2000, IBM Corporation. All rights reserved.
#
#####
# First, create a list of the workstations who will be receiving the
# configuration files. This is provided by user entry of a filename to
# accomplish this.
#####
if [[ $# = 0 ]] then
    clear
    print "Please enter the name of the list containing the ip addresses of"
    print "the workstations that are to receive the configuration files"
    print
    read wslst
else
    wslst=$1
fi
#####
```

700

702

7/10

```

#####
# method for installing configuration files for a Solaris system
# sd.conf contains the entries describing the LUN's that each HBA on each server has access to
# st.conf contains the entries describing the tape devices that each HBA on each server has access to
#####
exec 3<wslst
while read -u3 ipaddr ostype

do

if $ostype == Solaris
then
if [[ -a /usr/sys/inst.images/sol_sd.conf ]] then
rcp -p /usr/sys/inst.images/sd.conf $ipaddr:/kernel/drv/sd.conf      # Solaris directory
if [[ $? = 0 ]] then
echo "Successfully copied SAN configuration file sd.conf to $ipaddr" >>/SAN.copy.config.file.log
echo "Successfully copied SAN configuration file sd.conf to $ipaddr"
else
print "Unable to copy SAN config1 file sd.conf to $ipaddr"
fi
fi

if [[ -a /usr/sys/inst.images/sol_st.conf ]] then
rcp -p /usr/sys/inst.images/st.conf $ipaddr:/kernel/drv/st.conf      # Solaris directory
if [[ $? = 0 ]] then
echo "Successfully copied SAN configuration file st.conf to $ipaddr" >>/SAN.copy.config.file.log
echo "Successfully copied SAN configuration file st.conf to $ipaddr"
else
print "Unable to copy SAN config1 file st.conf to $ipaddr"
fi
fi
fi

```

Figure 7B


```

else
if $ostype == AIX
then
if [[ -a /usr/sys/inst.images/aix_sd.conf ]] then
rcp -p /usr/sys/inst.images/sd.conf $ipaddr:/kernel/drv/sd.conf # AIX directory
if [[ $? = 0 ]] then
echo "Successfully copied SAN configuration file sd.conf to $ipaddr" >>/SAN.copy.config.file.log
echo "Successfully copied SAN configuration file sd.conf to $ipaddr"
else
print "Unable to copy SAN config1 file sd.conf to $ipaddr"
fi
fi

if [[ -a /usr/sys/inst.images/aix_st.conf ]] then
rcp -p /usr/sys/inst.images/st.conf $ipaddr:/kernel/drv/st.conf #AIX directory
if [[ $? = 0 ]] then
echo "Successfully copied SAN configuration file st.conf to $ipaddr" >>/SAN.copy.config.file.log
echo "Successfully copied SAN configuration file st.conf to $ipaddr"
else
print "Unable to copy SAN config1 file st.conf to $ipaddr"
fi
fi

```

Figure 7C

AUS9-2000-0440-US1

```

else
if $ostype == Nt
then
if [[ -a /usr/sys/inst.images/nt_sd.conf ]] then
rcp -p /usr/sys/inst.images/sd.conf $ipaddr:/kernel/drv/sd.conf      # Windows NT directory
if [[ $? = 0 ]] then
echo "Successfully copied SAN configuration file sd.conf to $ipaddr" >>/SAN.copy.config.file.log
echo "Successfully copied SAN configuration file sd.conf to $ipaddr"
else
print "Unable to copy SAN config1 file sd.conf to $ipaddr"
fi
fi

if [[ -a /usr/sys/inst.images/nt_st.conf ]] then
rcp -p /usr/sys/inst.images/st.conf $ipaddr:/kernel/drv/st.conf      #Windows NT directory
if [[ $? = 0 ]] then
echo "Successfully copied SAN configuration file st.conf to $ipaddr" >>/SAN.copy.config.file.log
echo "Successfully copied SAN configuration file st.conf to $ipaddr"
else
print "Unable to copy SAN config1 file st.conf to $ipaddr"
fi
fi

else
echo "$ostype not a currently supported operating system. "
echo "Modify script to specify directory and filenames and try again!"
fi
done

```

Figure 7D

AUS9-2000-0440-US1